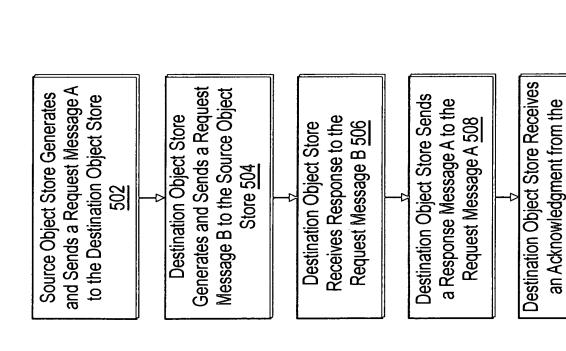


FIG. 3



Exchange Update Types and Subset Information Among Object Stores 402 Negotiate a Data Compression Method 404 **Compare Sync Versions** of the Object Stores 406 **Transmit Selective Objects Between the Object Stores** 408 **Employ One of Four Modes** of Data Synchronization 410 **Transmit Meta Objects** Associated with the Transmitted Objects 412 FIG. 4





Record in a Local Database Information for Each Network Link 602

Determine Estimated Average Data Transfer Speed and other Information Based on Data in the Local Database 604

Select a Flow Control Mode and Determine a Packet Size 606

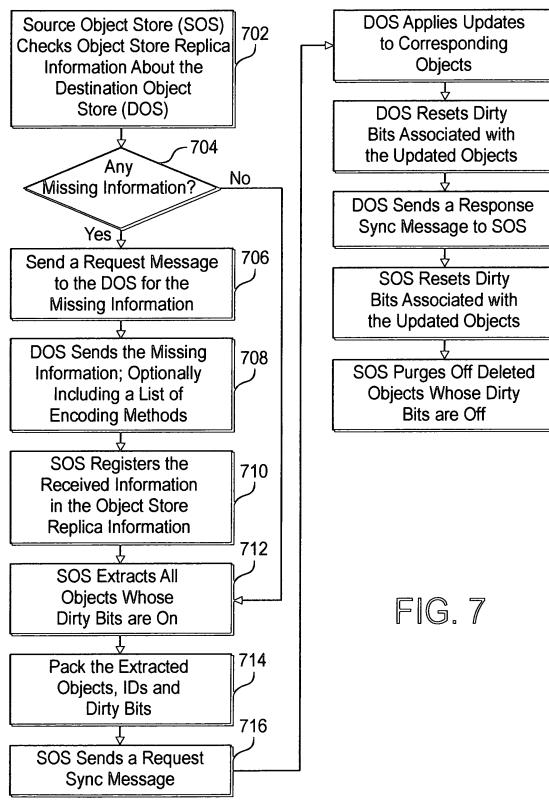
Dynamically Adjust the Packet Size 608

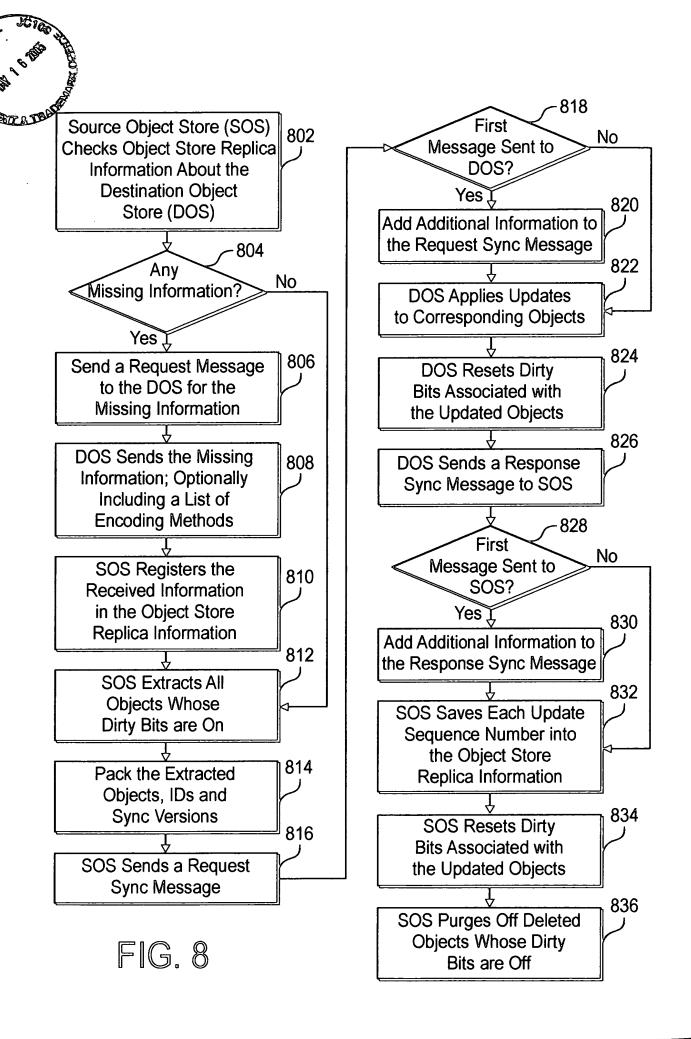
Synchronization Process 608

.

Source Object Store







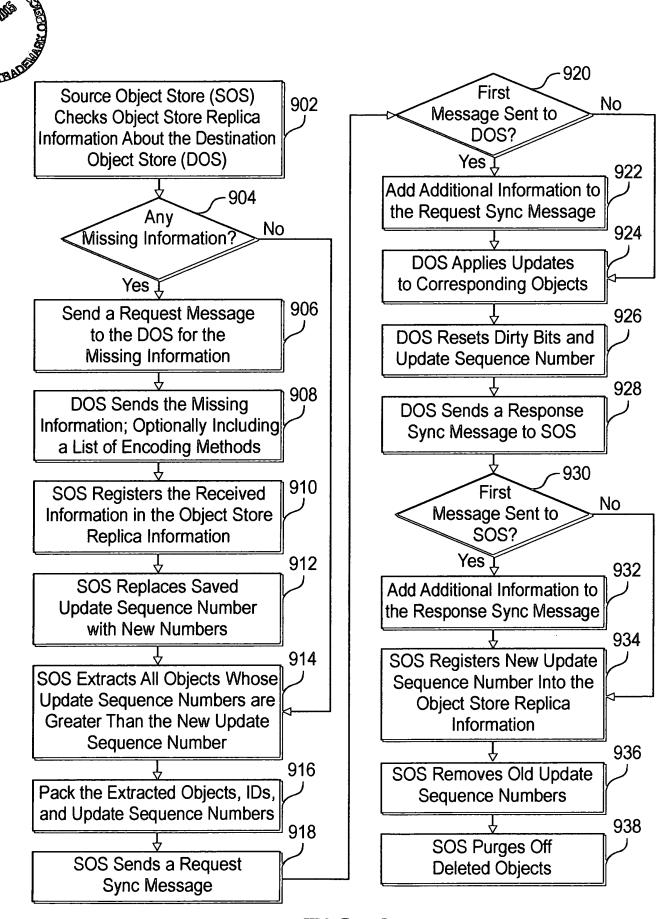
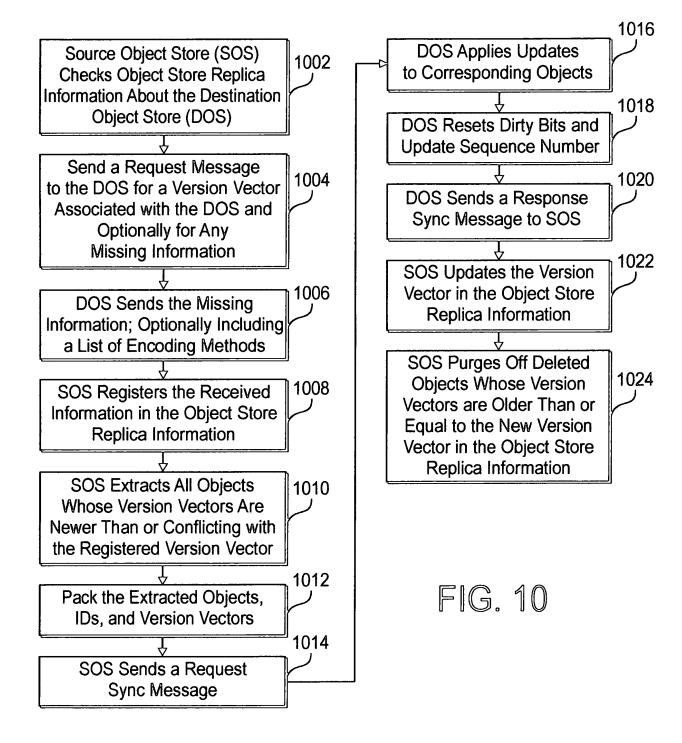
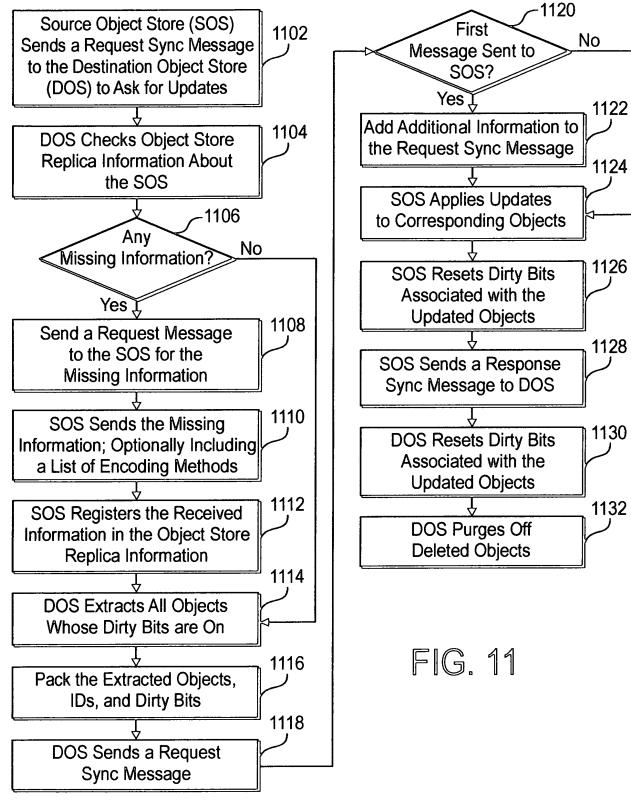


FIG. 9









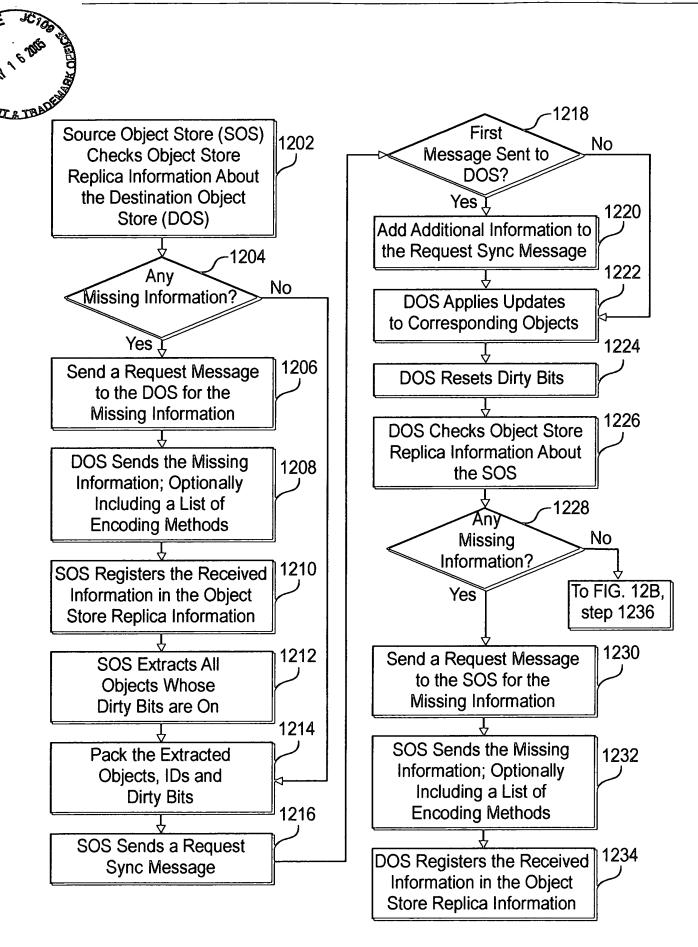
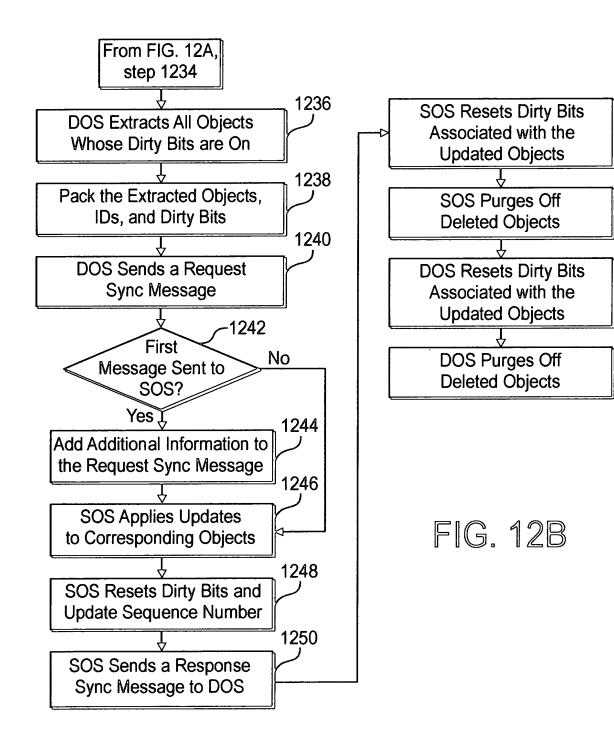
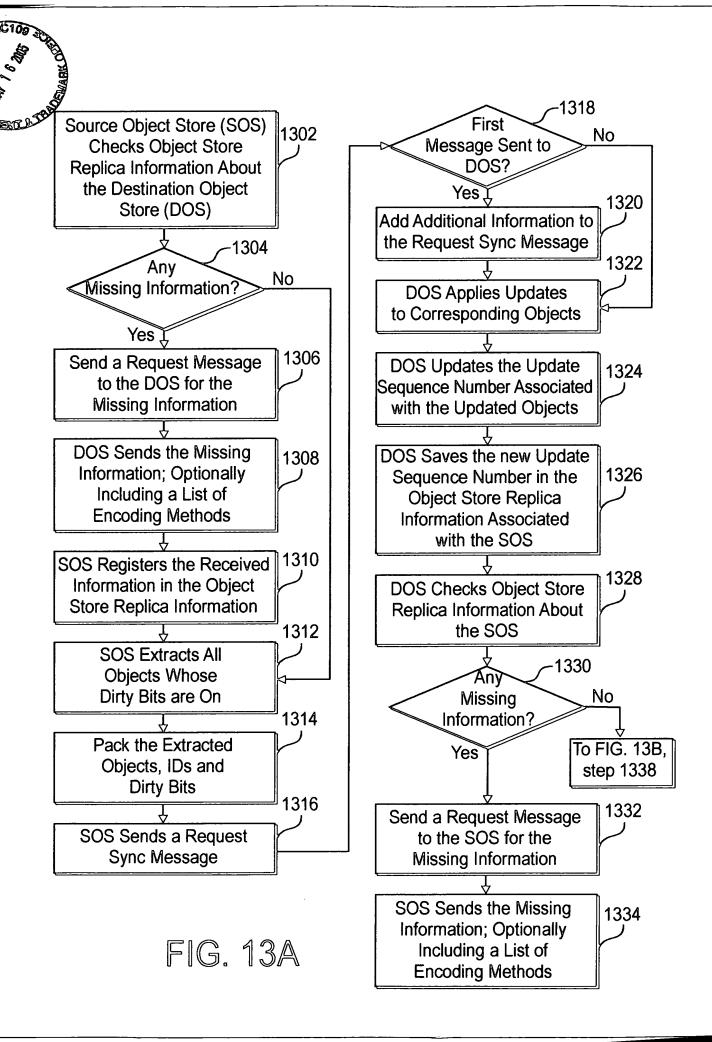


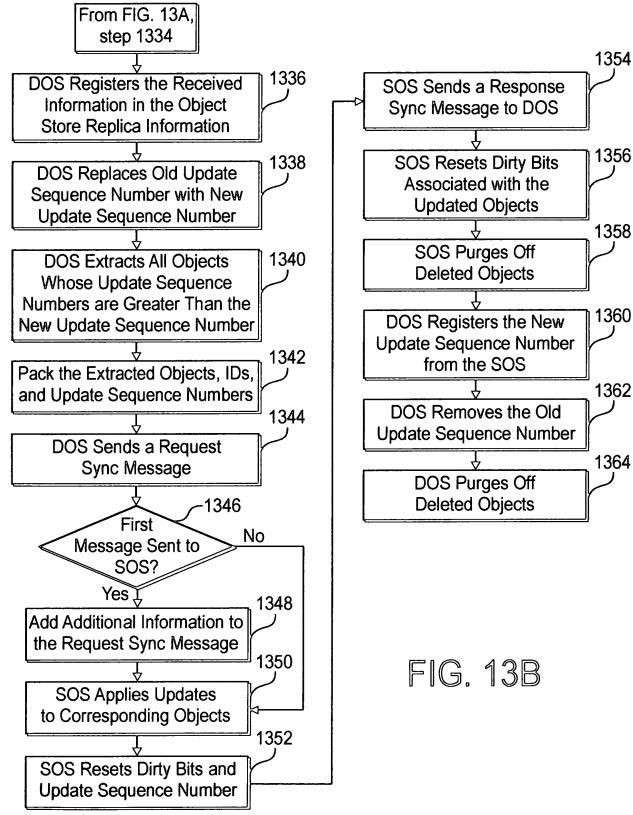
FIG. 12A











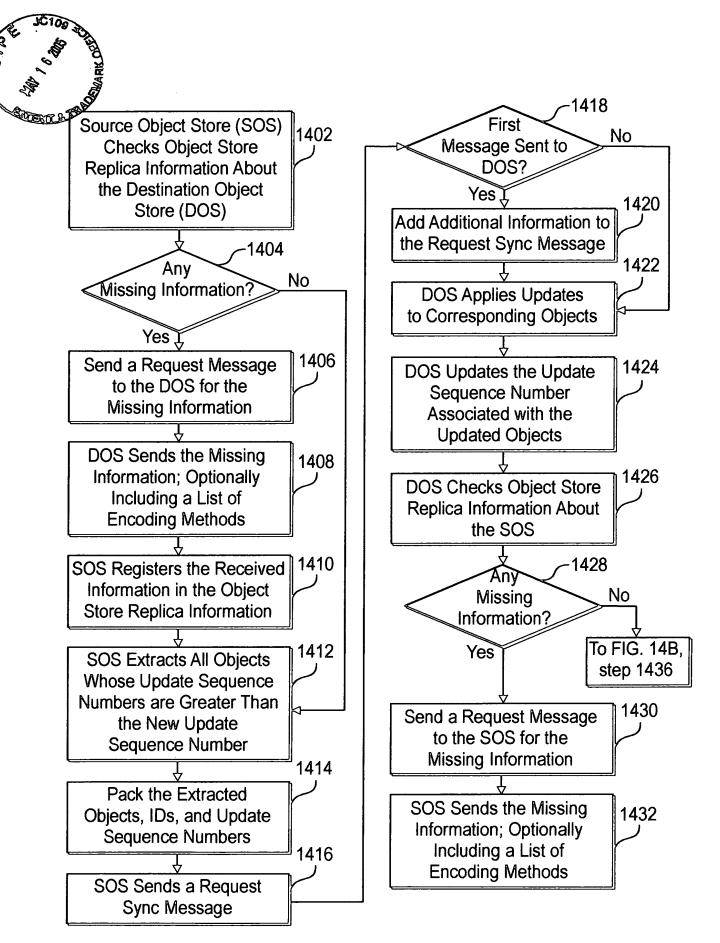
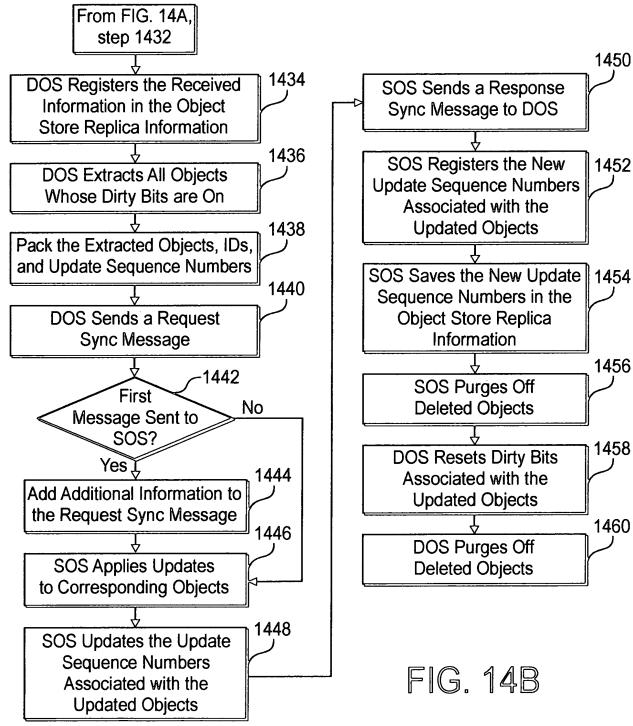


FIG. 14A





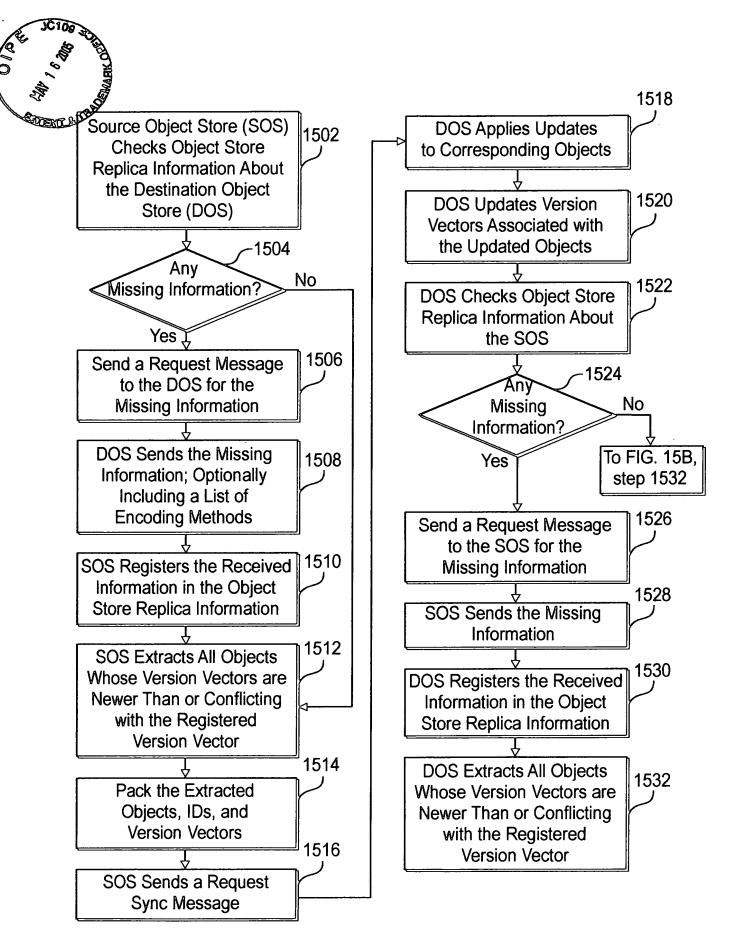


FIG. 15A



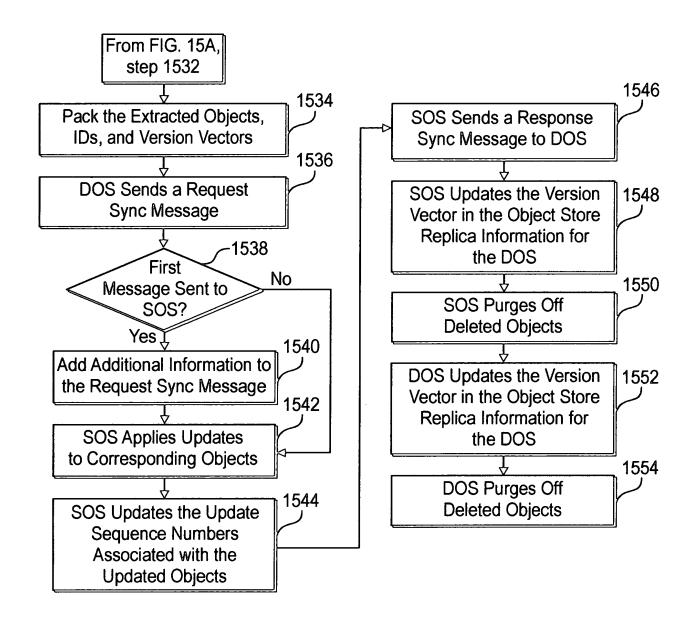


FIG. 15B

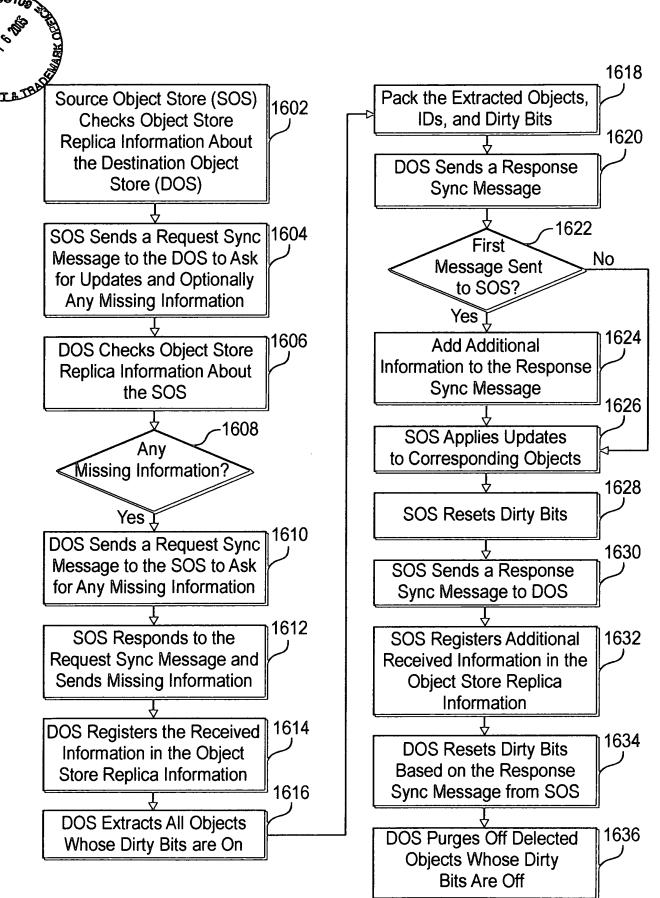


FIG. 16A



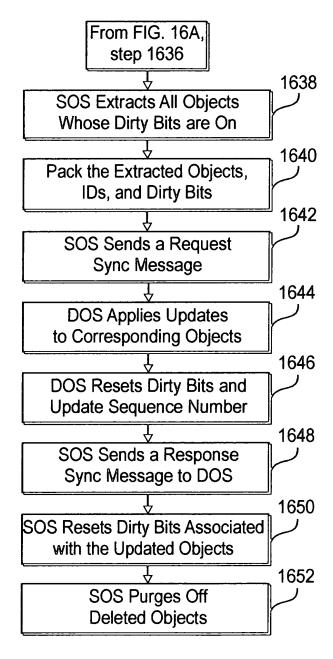


FIG. 16B